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## UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No. First Inventor Title Express Mail Label No.

(Only for new nonprovisional applications under 37 CFR 1.53(b))

See MPEP (	APPLICATION ELEMENTS chapter 600 concerning utility patent application contents.	ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450			
2. X Application Application See 3. Specification (preferring - Description - Cross - State) - Referring - Referring - Brief I	ransmittal Form (e.g., PTO/SB/17) it an original and a duplicate for fee processing) ant claims small entity status. 7 CFR 1.27. fication [Total Pages 19] interest interest forth below) riptive title of the invention s Reference to Related Applications ment Regarding Fed sponsored R & D rence to sequence listing, a table, computer program listing appendix ground of the Invention Summary of the Invention Description of the Drawings (if filed) led Description	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies			
- Claim	n(s)	ACCOMPANYING APPLICATION PARTS			
- Abstra 4. Drawir 5. Oath or Dec a. Ne b. Cop (for i	act of the Disclosure  Ing(s) (35 U.S.C. 113) [Total Sheets	9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  Other:			
specification for	ling application, check appropriate box, and su flowing the title, or in an Application Data Sheet under	pply the requisite information below and in the first sentence of the 37 CFR 1.76:			
Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Prior application information: Examiner Art Unit:  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
	19. CORRESPO	NDENCE ADDRESS			
Custon	ner Number:	OR Correspondence address below			
Name	EDWIN L. HARTZ	·			
Addrėss	2537 FALLS VIEW CI	RCLE			
City	GRAND JUNCTION	State CO Zip Code 81505			
Country ·		Telephone   970-256 - 7720   Fax			
Name (Print/Ty		Registration No. (Attorney/Agent) 24166			
Signature	Ed Charles	Date 1-7-04			
This collection of	f information is required by 37 CFR 1.53(b). The information	is required to obtain or retain a benefit by the public which is to file (and by the			

USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patentis, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** 

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Application Number	
Filing Date	
First Named Inventor	
Examiner Name	
Art Unit	
Attorney Docket No.	F12.1 102.1

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)			
Check Credit card Money Other None	3. ADDITIONAL FEES			
Deposit Account:	Large Entity , Small Entity			
Deposit	Fee Fee Fee Fee Fee Description	- Daid		
Account Number	1051 130 2051 65 Surcharge - late filing fee or oath	e Paid		
Deposit	1052 50 2052 25 Surcharge - late provisional filing fee or			
Account Name	cover sheet			
The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification  1812 2,520 1812 2,520 For filing a request for <i>ex parte</i> reexamination			
Charge fee(s) indicated below Credit any overpayments	1804 920* 1804 920* Requesting publication of SIR prior to			
Charge any additional fee(s) or any underpayment of fee(s)	Examiner action			
Charge fee(s) indicated below, except for the filing fee	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action			
to the above-identified deposit account.	1251 110 2251 55 Extension for reply within first month			
FEE CALCULATION	1252 420 2252 210 Extension for reply within second month			
1. BASIC FILING FEE Large Entity Small Entity	1253 950 2253 475 Extension for reply within third month			
Fee Fee Fee Fee Description Fee Paid	1254 1,480 2254 740 Extension for reply within fourth month			
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee	1255 2,010 2255 1,005 Extension for reply within fifth month			
1002 340 2002 170 Design filing fee	1401 330 2401 165 Notice of Appeal			
1003 530 2003 265 Plant filing fee	1402 330 2402 165 Filing a brief in support of an appeal			
1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing			
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 385	1452 110 2452 55 Petition to revive - unavoidable			
	1453 1,330 2453 665 Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from	1501 1,330 2501 665 Utility issue fee (or reissue)			
Extra Claims below Fee Paid  Total Claims 9 20** = 0 x	1502 480 2502 240 Design issue fee			
Independent 2	1503 640 2503 320 Plant issue fee			
Claims X X X Multiple Dependent	1460 130 1460 130 Petitions to the Commissioner			
	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)			
Large Entity   Small Entity   Fee Fee   Fee Fee   Fee Fee   Fee Description	1806 180 1806 180 Submission of Information Disclosure Stmt			
Code (\$) Code (\$)	8021 40 8021 40 Recording each patent assignment per property (times number of properties)	1		
1202 18 2202 9 Claims in excess of 20	1809 770 2809 385 Filing a submission after final rejection			
1201. 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid	(37 CFR 1.129(a)) 1810 770 2810 385 For each additional invention to be			
1204 86 2204 43 ** Reissue independent claims	examined (37 CFR 1.129(b))			
over original patent	1801 770 2801 385 Request for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application			
SUBTOTAL (2) (\$)	Other fee (specify)			
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)			

SUBMITTED BY (Complete (if applicable))					(if applicable))	
Name (Print/Type)	EDWIN L	HARTZ	Registration No. (Attorney/Agent)	24166	Telephone	970-256-7720
Signature	Edwin L	North			Date	1-7-04

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